CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 02.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Project Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Development of Dobighat in Ward No.13, BBMP, Bangalore.
* Reference	:	AEE/PSD/PR/120/2016-17 Dated: 23.12.2016
* Sample ID	:	Culvert Bottom Slab Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	02.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2017	02.02.2017	8.100	480.2	21.34
2	05.01.2017	02.02.2017	8.267	492.3	21.88
3	05.01.2017	02.02.2017	8.308	513.6	22.83

*Information is furnished by the Customer/Representative.

Note:

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⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Development of Dobighat in Ward No.13, BBMP, Bangalore.
* Reference	:	AEE/PSD/PR/120/2016-17 Dated: 23.12.2016
* Sample ID	:	Culvert Side Wall Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.155	474.9	21.11
2	09.01.2017	06.02.2017	8.226	492.3	21.88
3	09.01.2017	06.02.2017	8.307	506.3	22.50

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* Sample ID	:	Culvert Side Wall Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.238	478.3	21.26
2	09.01.2017	06.02.2017	8.306	492.3	21.88
3	09.01.2017	06.02.2017	8.407	515.8	22.92

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* Sample ID	:	Culvert Side Wall Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	06.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	09.01.2017	06.02.2017	8.297	478.3	21.26
2	09.01.2017	06.02.2017	8.305	492.5	21.89
3	09.01.2017	06.02.2017	8.405	513.6	22.83

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* Sample ID	:	Culvert Side Wall Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	09.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.01.2017	09.02.2017	8.135	474.9	21.11
2	12.01.2017	09.02.2017	8.226	490.2	21.79
3	12.01.2017	09.02.2017	8.392	510.4	22.68

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	09.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.01.2017	09.02.2017	8.155	478.3	21.26
2	12.01.2017	09.02.2017	8.292	493.5	21.93
3	12.01.2017	09.02.2017	8.336	513.2	22.81

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